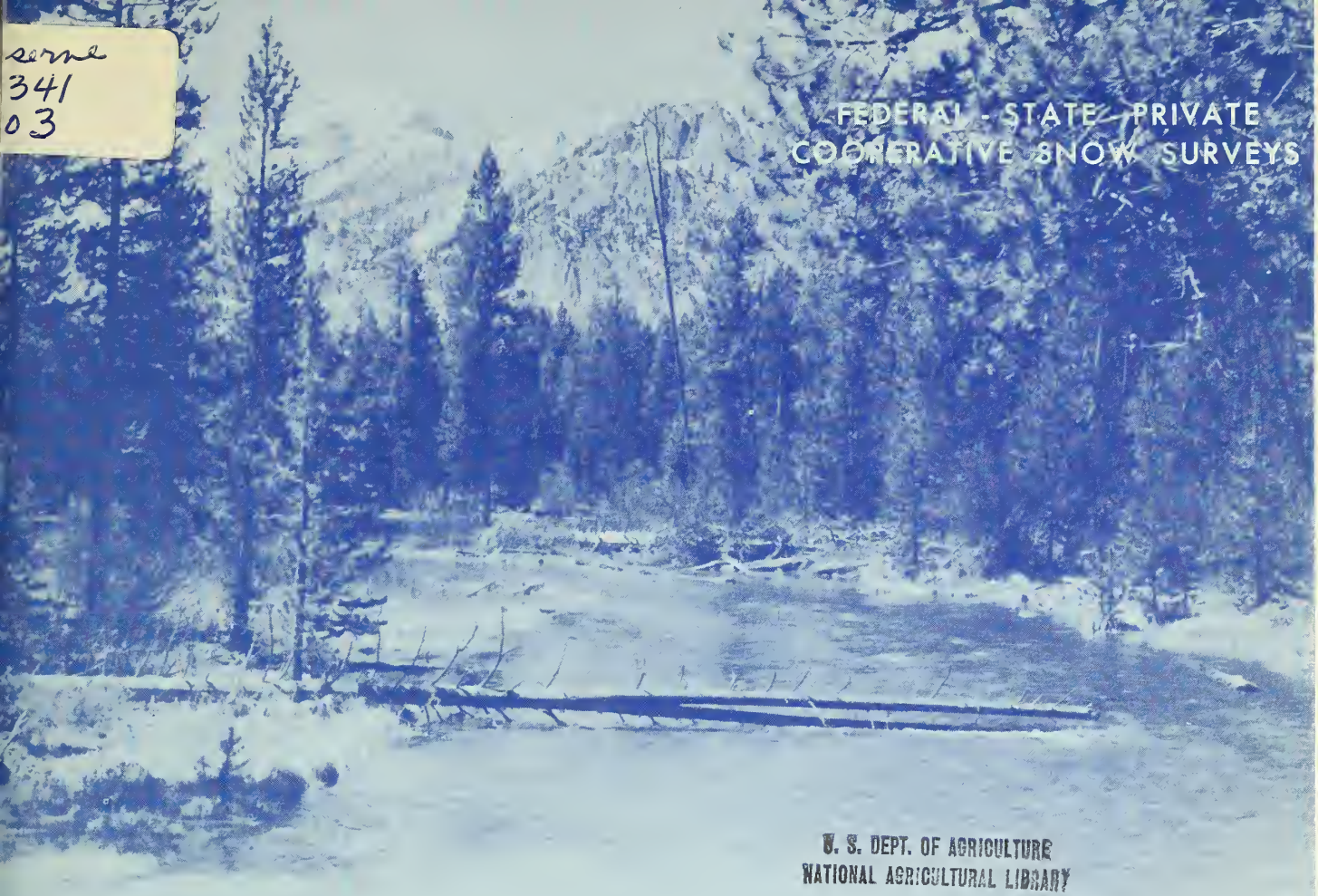

WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
WYOMING

UNITED STATES DEPARTMENT of AGRICULTURE···SOIL CONSERVATION SERVICE,

and

STATE ENGINEER of WYOMING

Data included in this report were obtained by the agencies named above in cooperation with the Bureau of Reclamation, U.S. Forest Service, National Park Service, and other Federal, State and private organizations.

AS OF
FEB. 1, 1966

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

To Recipients of Water Supply Outlook Reports:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season as they affect runoff will add to be an effective average. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data or reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

Listed below are water supply outlook reports based on Federal-State-Private Cooperative snow surveys. Those published by the Soil Conservation Service may be obtained from Soil Conservation Service, Room 507, Federal Building, 701 N. W. Glisan, Portland, Oregon 97209.

PUBLISHED BY SOIL CONSERVATION SERVICE

REPORTS	ISSUED	LOCATION	COOPERATING WITH
RIVER BASINS			
WESTERN UNITED STATES	MONTHLY (FEB.-MAY)	PORTLAND, OREGON	ALL COOPERATORS
BASIC DATA SUMMARY	OCTOBER 1	PORTLAND, OREGON	ALL COOPERATORS
STATES			
ALASKA	MONTHLY (MAR.-MAY)	PALMER, ALASKA	ALASKA S.C.D.
ARIZONA	SEMI-MONTHLY (JAN.15 - APR.1)	PHOENIX, ARIZONA	SALT R. VALLEY WATER USERS ASSOC. ARIZ. AGR. EXP. STATION
COLORADO AND NEW MEXICO	MONTHLY (FEB.-MAY)	FORT COLLINS, COLORADO	COLO. STATE UNIVERSITY COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IDAHO	MONTHLY (JAN.-JUNE)	BOISE, IDAHO	IDAHO STATE RECLAMATION ENGINEER
MONTANA	MONTHLY (JAN.-JUNE)	BOZEMAN, MONTANA	MONT. AGR. EXP. STATION
NEVADA	MONTHLY (JAN.-MAY)	RENO, NEVADA	NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES - DIVISION OF WATER RESOURCES
OREGON	MONTHLY (JAN.-JUNE)	PORTLAND, OREGON	OREG. STATE UNIVERSITY OREGON STATE ENGINEER
UTAH	MONTHLY (JAN.-JUNE)	SALT LAKE CITY, UTAH	UTAH STATE ENGINEER
WASHINGTON	MONTHLY (FEB.-JUNE)	SPOKANE, WASHINGTON	WN. STATE DEPT. OF CONSERVATION
WYOMING	MONTHLY (FEB.-JUNE)	CASPER, WYOMING	WYOMING STATE ENGINEER

PUBLISHED BY OTHER AGENCIES

REPORTS	ISSUED	AGENCY
BRITISH COLUMBIA	MONTHLY (FEB.-JUNE)	WATER RESOURCES SERVICE, DEPT. OF LANDS, FOREST AND WATER RESOURCES, PARLIAMENT BLDG., VICTORIA, B.C., CANADA
CALIFORNIA	MONTHLY (FEB.-MAY)	CALIF. DEPT. OF WATER RESOURCES, P.O. BOX 388, SACRAMENTO, CALIF.

USDA-SCS-PORTLAND, OREG. 1965

FEDERAL-STATE-COOPERATIVE

SNOW SURVEYS AND WATER FORECASTS

FOR

WYOMING

Issued
February 1, 1966

Report Prepared
by
George W. Peak
Snow Survey Supervisor
and
Tommy A. George
Assistant Snow Survey Supervisor
State of Wyoming

Soil Conservation Service
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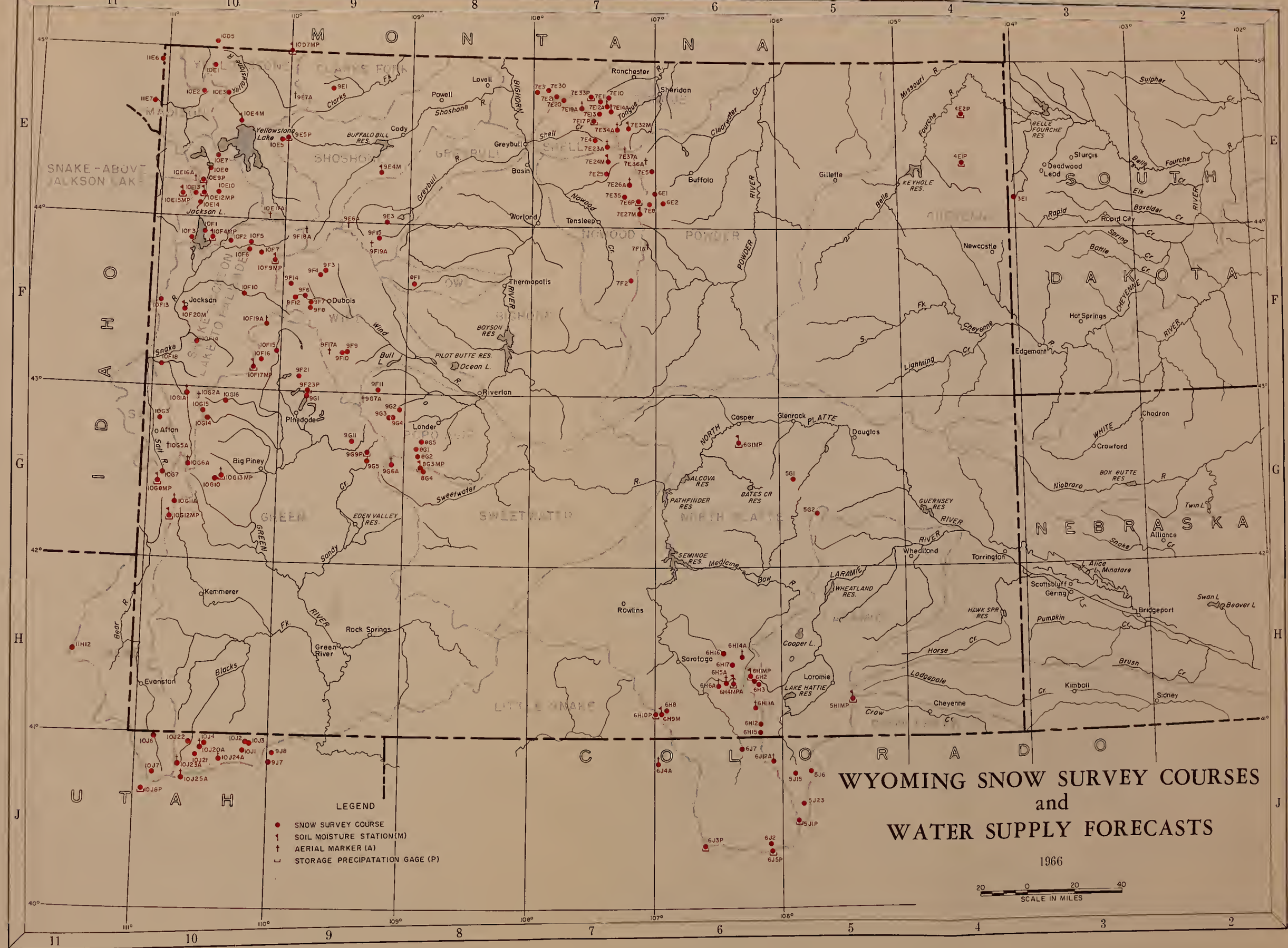
Casper, Wyoming 82601

Issued by

B. H. Hopkins
State Conservationist
Soil Conservation Service
Casper, Wyoming

Floyd Bishop
State Engineer of Wyoming
Capitol Building
Cheyenne, Wyoming



LEGEND

- ● SNOW SURVEY COURSE
- SOIL MOISTURE STATION (M)
- † AERIAL MARKER (A)
- ⊔ STORAGE PRECIPATATION GAGE (P)

WYOMING SNOW SURVEY COURSES
and
WATER SUPPLY FORECASTS

1966

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE USDA SCS PORTLAND, OREG. 1965 M-4158

INDEX TO WYOMING SNOW COURSES

Drainage Basin and Course Name	Wyoming Number	Elev.	Location Sec. Lat.	Twp.	Range Long.	Record Began	Meas.[a] Dates	Meas.[b] By
MISSOURI RIVER DRAINAGE								
Madison River								
Norris Basin	10E2	7500	44° 44'		110° 42'	1936	2,3,4,5,	2
21 Mile m	11E6	7150	1	11S	5E	1934	1,2,3,4,5	1
West Yellowstone m	11E7	6700	34	13S	5E	1934	1,2,3,4,5	1
Yellowstone								
Canyon	10E3	7750	44° 44'		110° 30'	1938	1,2,3,4,5	1
Crevice Mountain m	10D5	8400	22	9S	9E	1935	3,4	4
East Entrance	9E5MP	7000	44° 29'		110° 00'	1948	1,2,3,4,5	2
Lake Camp #2	10E4M	7850	44° 34'		110° 24'	1937	1,2,3,4,5	1
Lupine Creek	10E1	7300	44° 54'		110° 37'	1938	1,2,3,4,5	2
Northeast Entrance	10D7MP	7400	33	9S	14E	1937	1,2,3,4,5	2
Parker's Peak	9E7	9400	44°41'		109°56'	1965	2,3,4	1
Pitchstone	10E16	8040	44°14'		110°42'	1965	2,3,4	1
Thumb Divide	10E7	7900	44°22'		110°35'	1946	2,3,4	5
Two Ocean Plateau	10E17	9200	44°08'		110°14'	1965	2,3,4	1
Sylvan Pass	10E5	7100	44°28'		110°02'	1936	1,2,3,4,5	2
Clark's Fork								
Lodgepole	9E1	8200	32	56N	106W	1940	2,3,4,5	1,4
Parker's Peak	9E7	9400	44°41'		109°56'	1965	2,3,4	1
Wind River								
Big Warm	9F12	8800	36	42N	109W	1955	2,3,4,5	1
Burroughs Creek	9F4	8800	15	43N	107W	1948	2,3,4,5	1
Dinwoodie	9F10	10000	8	3N	6W	1948	2,3,4,5	1,3
Dinwoodie Glaciers	9F17A	10500	43°16'		109°38'	1959	2,3,4	1
Dry Creek	9F9	9500	10	3N	6W	1948	2,3,4,5	1,3
DuNoir	9F6	8750	27	42N	108W	1940	2,3,4,5	1
Geyser Creek	9F7	8500	12	41N	108W	1948	2,3,4,5	1
Little Warm	9F8	9500	24	41N	108W	1948	2,3,4,5	1
Sheridan R.S. #2	9F14	7500	3	42N	109W	1955	2,3,4,5	1
T-Cross Ranch	9F3	8000	1	43N	107W	1940	2,3,4,5	1
Togwotee Pass	10F9MP	9600	29	4.N	110W	1936	2,3,4,5	5
Popo Agie River								
Blue Ridge	8G2	9500	23	31N	101W	1939	2,3,4,5	1
Bruce's Camp	8G5	6500	24	32N	101W	1955	2,3,4	1
Hobbs Park	9G3	10000	22	2S	3W	1948	2,3,4,5	1,3
Mosquito Park R.S.	9G4	9500	23	2S	3W	1940	2,3,4,5	1
Sawmill Glade	8G1	8500	3	31N	101W	1939	2,3,4,5	1
South Pass	8G3MP	9000	13	30N	101W	1939	2,3,4,5	1
St. Lawrence R.S.	9F11	9000	26	1N	4W	1940	2,3,4,5	1,3
Trout Creek	9G2	8400	5	2S	2W	1948	2,3,4,5	1,3
Twenty Lakes	9G7A	10500	22	1S	5W	1959	2,3,4	1
Owl Creek								
Owl Creek	8F1	8700	36	43N	101W	1948	2,3,4,5	1
Greybull River								
Absaroka Divide	9E6A	10000	28	47N	104W	1961	2,3,4	1
Kirwin 9	9F19A	11000	13	45N	104W	1960	2,3,4	1
Wood River #2	9F15	8000	28	46N	103W	1956	2,3,4,5	1
Timber Creek #2	9E3	8800	25	47N	103W	1955	2,3,4,5	1
Shoshone River								
Carter Mountain	9E4M	7800	15	50N	103W	1957	1,2,3,4	1
East Entrance	9E5P	7000	44° 29'		110° 00'	1948	1,2,3,4,5	
Sylvan Pass	10E5	7100	44° 28'		110° 02'	1936	1,2,3,4,5	2
Yount's Peak	9F18A	8500	43° 56'		109° 49'	1960	2,3,4	1
Nowood Creek								
Bear Trap	7F1A	8000	10	45N	85W	1960	2,3,4,5	1
Cold Springs Camp	7E25	8700	1	50N	8W	1956	2,3,4,5	1
Medicine Lodge Lakes	7E24M	9500	7	51N	87W	1956	2,3,4,5	1
Middle Powder	7F2	7400	16	43N	86W	1960	2,3,4,5	1
Munkres Pass	7E8	9700	11	48N	85W	1950	2,3,4,5	1
Onion Gulch	7E27M	8100	31	48N	85W	1956	2,3,4,5	1
Powder River Pass	7E6	8200	1	48N	86W	1963	2,3,4,5	1
Tyrell R.S.	7E35	8300	30	49N	86W	1956	2,3,4,5	1
West Tensleep Lake	7E26A	9075	33	50N	86W	1956	2,3,4,5	1
Shell Creek								
Bald Mountain	7E21M	9600	33	56N	91W	1956	2,3,4,5	1,6
Beaver-Tongue Divide	7E20	9200	12	54N	91W	1956	2,3,4,5	1,6
Bone Spring Divide	7E18A	9200	32	55N	89W	1956	2,3,4,5	1,6
Granite Pass	7E17P	8950	19	54N	88W	1956	2,3,4,5	1
Ranger Creek	7E4	8700	32	53N	88W	1935	2,3,4,5	1
Shell Creek	7E23A	9600	12	52N	88W	1936	2,3,4,5	1
MISSOURI RIVER DRAINAGE								
Porcupine Creek								
Five Springs Falls	7E31	7500	19	56N	92W	1956	2,3,4,5	1
Medicine Wheel	7E30	9000	24	56N	92W	1956	2,3,4,5	1,6
Tongue River								
Beaver-Tongue Divide	7E20	9200	12	55N	91W	1956	2,3,4,5	1,6
Big Goose #2	7E32M	7700	4	53N	86W	1955	2,3,4,5	1,6
Bone Spring Divide	7E18A	9200	32	55N	89W	1956	2,3,4,5	1,6
Burgess R.S. #2	7E33P	7900	36	56N	89W	1955	2,3,4,5	1,6
Dome Lake #2	7E34A	8800	11	53N	87W	1950	2,3,4,5	1,6
Geneva Pass	7E37A	10600	30	52N	86W	1961	2,3,4,5	1
Gloom Creek	7E14A	9300	32	55N	87W	1956	2,3,4,5	1,6
Granite Pass	7E17P	8950	19	54N	88W	1956	2,3,4,5	1,6
Sibley Lake	7E11	8000	10	53N	87W	1956	2,3,4,5	1,6
Steamboat Point	7E10	7500	32	56N	87W	1956	2,3,4,5	1,6
Sucker Creek	7E12A	9000	19	55N	87W	1956	2,3,4,5	1,6
Wood Rock G.S.	7E13	8500	3	54N	88W	1956	2,3,4,5	1,6
Powder River								
Bear Trap	7F1A	8000	10	45N	85W	1960	2,3,4,5	1
Clouds Peak	7E36A	10000	15	51N	85W	1960	2,3,4	1
Middle Powder	7F2	7400	16	43N	86W	1960	2,3,4,5	1
Muddy Creek G.S.	6E2	7800	2	48N	84W	1956	2,3,4,5	1
Munkres Pass	7E8	9700	11	48N	85W	1950	2,3,4,5	1
Onion Gulch	7E27M	8100	31	48N	85W	1956	2,3,4,5	1
Powder River Pass	7E6P	8200	1	48N	86W			
Soldier Park	7E5	8700	36	51N	85W	1950	2,3,4,5	1,6
Sour Dough	6E1	8500	17	49N	84W	1936	2,3,4,5	1,6
Sweetwater								
Grannier Meadows	8G4	9000	19	30N	100W	1937	2,3,4,5	1
Larsen Creek	9G6A	9000	12	30N	103W	1949	2,3,4,5	1
South Pass	8G3MP	9000	13	30N	101W	1939	2,3,4,5	1
Laramie River								
Brooklyn Lake #2	6H1MP	10200	11	16N	79W	1956	2,3,4,5	1
Cameron Pass c	5J1P	10285	2	6N	76W			
Deadman Hill c	5J6	10200	26	10N	75W	1937	3,4,5	
Evans	6H15	9000	4	12N	78W	1960	2,3,4,5	1
Foxpark	6H12	9200	21	13N	78W	1936	2,3,4,5	4
Hairpin Turn #3	6H2	9500	24	16N	79W	1936	2,3,4,5	1
Libby Lodge #2	6H3	8700	29	16N	78W	1936	2,3,4,5	1
Lost Lake c	5J23	9300	32	8N	75W			
McIntyre c	5J15	9100	35	10N	76W	1949	2,3,4,5	
Pole Mountain #2	5H1MP	8700	35	15N	72W	1936	2,3,4,5	1
Roach c	6J12A	9800	5	10N	77W	1940	2,3,4,5	1
Crow Creek								
Pole Mountain #2	5H1MP	8700	35	15N	72W	1936	2,3,4,5	1
North Platte								
Albany	6H11A	9400	18	14N	78W	1949	2,3,4,5	1
Bottle Creek	6H8	8200	24	14N	85W	1936	2,3,4,5	1,6
Boxelder #2	5G1	9000	31	30N	75W	1950	2,3,4,5	1
Cameron Pass	5J1P	10285	2	6N	76W	1936	2,3,4,5	1
Casper Mountain	6G1MP	8700	16	32N	79W	1954	1,2,3,4,5	1
Columbine c	6J3P	9300	21	5N	82W	1936	2,3,4,5	1
Deep Lake	6H17	10500	31	17N	79W	1965	2,3,4,5	1
Elk River c	6J4A	8700	6	10N	85W	1936	2,3,4,5	1
Foxpark	6H12	9200	21	13N	78W	1936	2,3,4,5	4
Laramie	5G2	8450	11	27N	74W	1949	2,3,4,5	1
Moss Lake	6H16	9800	28	17N	80W	1964	2,3,4,5	1
North Barrett Creek	6H5A	9400	30	16N	80W	1936	2,3,4,5	1,6
North French Creek	6H4MPA	10200	27	16N	80W	1938	2,3,4,5	1,6
Northgate c	6J7	8500	7	11N	79W	1950	2,3,4,5	
Old Battle	6H10P	9800	29	14N	85W	1936	2,3,4,5	1,6
Park View	6J2	9200	24	5N	78W	1936	2,3,4,5	
Rock Creek	6H14A	9800	5	17N	79W	1960	2,3,4	1
Ryan Park	6H6A	8400	34	16N	81W	1936	2,3,4,5	1,6
Webber Spring	6H9M	9000	27	14N	85W	1936	2,3,4,5	1,6
Willow Creek Pass c	6J5P	9500	1	4N	78W	1938	2,3,4,5	
Cheyenne River								
Bear Lodge Divide	4E2P	4580	44° 38'		104° 22'	1963	2,3,4	1,4
Upper Spearfish sd	3E1	6500	21	3N	1E	1944	2,3,4	4
Warren Peak	4E1P	6400	44° 25'		104° 23'	1963	2,3,4	1,4
COLORADO RIVER DRAINAGE								
Green River above Green River								
Big Sandy Opening	9G9P	9220	17	31N	104W	1961	2,3,4,5	1,4
Blind Bull Summit	10G2A	8750	6	34N	115W	1948	2,3,4	1
Dutch Joe R.S.	9G5	8700	32	31N	104W	1936	2,3,4,5	1,4
East Rim Divide #2	10F17MP	7950	32	37N	111W	1936	1,2,3,4,5	1,4
Elk Heart Park G.S.	9F23P	9400	16	35N	103W	1961	2,3,4,5	1,4
Gros Ventre	10F19A	8750	36	40N	111W	1948	2,3,4,5	1,4
Kendall R.S. #2	10F15	7900	23	38N	110W	1961	2,3,4,5	1,4
Loomis Park #2	10F16	8500	14	37N	111W	1960	2,3,4,5	1,4
Mulligan Park	9G1	8900	28	35N	108W	1936	2,3,4,5	1,4
New Fork Lake	9F21	8325	11	36N	109W	1961	2,3,4,5	1,4
North Horse Creek	10G16	8200	12	34N	114W	1961	2,3,4,5	1,4
Piney Lasarge #2	10G10	8820	19	29N	114W	1959	2,3,4,5	1,4
Pocket Creek	9G11	9360	19	32N	105W	1961	2,3,4,5	1,4
Poison Meadows	10G6A	8500	29	30N	116W	1948	2,3,4,5	1,4
Snyder Basin R.S. #2	10G13MP	8040	15	29N	114W	1956	2,3,4,5	1,4
Soda Lake	10G14	8300	14	33N	115W	1955	2,3,4,5	1,4
Triple Peaks	10G15	8500	33	34N	115W	1956	2,3,4,5	1,4
Green River below Green River								
Big Park	10G11A	8700	7	27N	117W	1951	2,3,4,5	1,4
Black's Fk Junc. u	10J22	8925	33	3N	12E	1961	3,4,5	1
Buck Pasture u	10J23A	9700	14	1N	11E	1963	2,3,4,5	1
East Fk Black's Fk u	10J21	9300	25	2N	12E	1961	3,4,5	1
Elk River c	6J4	8700	6	10N	85W	1936	2,3,4,5	1
Hayden Fork u	10J7	9300	1	1S	9E	1951	4,5	1
Henry's Fork u	10J24A	10200	5	1N	14E	1963	2,3,4,5	1
Hewinta R.S. u	10J4	9500	33	3N	13E	1930	3,4,5	1
Hickerson Park u	9J8	9100	24	2N	17E	1961	3,4,5	1
Hole-in-the-rock u	10J1	9150	13	2N	15E	1931	4	1
Hole-in-the-rock GS u	10J3	8300	32	3N	16E	1954	4	
Kelley R.S.	10G12MP	8200	13	26N	118W	1951	2,3,4,5	1,4
Lake Fork Basin u	10J25A	11100	13	1S	11E	1962	2,3,4,5	1
Middle Beaver Creek u	10J2	8550	31	3N	16E	1954	4	1
Old Battle	6H10P	9800	29	14N	85W	1936	2,3,4,5	1,6
Steel Creek Park u	10J20A	9900	8	2N	13E	1962	2,3,4,5	1
Spirit Lake u	9J7	10300	19	1N	17E	1961	3,4,5	1
Trial Lake u	10J8P	9800	5	2S	9E	1931	1,2,3,4,5	1
COLUMBIA RIVER DRAINAGE								
Snake River Basin (Above Jackson Lake)								
Arizona	10F1	6850	35	46N	115W	1919	2,3,4	5
Astor Creek	10E8	7700	44° 17'		110° 37'	1919	2,3,4	5
Base Camp	10F2	6900	20	46N	113W	1947	2,3,4	5
Goulter Creek	10E10	7600	44° 09'		110° 33'	1919	2,3,4	2
Glade Creek	10E13	7200	44° 08'		110° 44'	1919	2,3,4	5
Grassy Lake	10E15MP	7265	6	48N	116W	1940	2,3,4,5	5
Huckleberry Divide	10E14	7300	32	48N	115W	1919	2,3,4	5
Lewis Lake Divide	10E9P	7900	44°13'		110°40'	1919	2,3,4,5	5
Moran	10F4MP	6800	8-17	45N	114W	1919	2,3,4	5
Moran Bay	10F3	6800	14	45N	116W	1919	2,3,4	5
Pitchstone Plateau	10E16	8040	44°14'		110°42'	1965	2,3,4	1
Snake River Station	10E12MP	6780	44°08'		110°40'	1919	2,3,4	5
Thumb Divide	10E7	7900	44°22'		110°35'	1951	2,3,4	5
Two Ocean Plateau	10E17	9200	44°08'		110°14'	1965	2,3,4	1
Jackson Lake to Palisades								
Afton R.S.	10G4	6200	30	32N	118W	1936	1,2,3,4,5	4
Blackrock	10F7	8600	4	44N	111W	1936	2,3,4	5
Blind Bull Summit	10G2A	8750	6	34N	115W	1948	2,3,4	1
Bryan Flat	10F14	6250	9	38N	115W	1936	1,2,3,4,5	1
CCC Camp	10G7	7500	9	29N	118W	1936	1,2,3,4,5	1,4
Cottonwood Lake	10G5A	7500	25	31N	118W	1936	2,3,4	1
Deadman Ranch	10G1A	6534	32	35N	116W	1936	2,3,4	1
East Rim Divide #2	10F17MP	7950	32	37N	111W	1936	1,2,3,4,5	1,4
Four Mile Meadows	10F6	7770	35	45N	112W	1936	2,3,4,5	5
Grey's Boundary	10F18	5800	33	37N	118W	1936	1,2,3,4,5	1,4
Gros Ventre	10F19	8750	36	40N	111W	1948	2,3,4,5	1
Grover Park Divide	10G3	7500	27	33N	118W	1936	1,2,3,4,5	1,4
Loomis Park #2	10F16	8500	14	37N	111W	1936	2,3,4,5	1,4
Poison Meadows	10G6	8500	29	30N	116W	1940	2,3,4,5	1,4
Teton Pass #2	10F13	8500	24	41N	118W	1936	1,2,3,4,5	1
Togwotee Pass	10F9MP	9600	29	44N	110W	1936	2,3,4,5	5
Turpin Meadows	10F5	6930	14	45N	112W	1936	2,3,4	5
Salt River Summit	10G8P	7900	32	29N	118W	1948	1,2,3,4,5	1,4
Snow King Mtn. #3	10F20M	7600	4	40N	116W	1950	Semi. Mo.	1
Bear River								
Big Park	10G11A	8700	7	27N	117W	1951	2,3,4,5	1,4
CCC Camp	10G7	7500	9	29N	118W	1936	2,3,4,5	1,4
Goodman Ranch u	10J6	7900	19	3N	10E	1937	4	1
Hayden Fork u	10J7	9300	1	1S	9E	1951	4,5	1
Head of Bear River u	10J5	8600	15	2N	10E	1935	4	1
Kelly R.S.	10G12MP	8200	13	26N	118W	1951	2,3,4,5	1,4
Lake Fork Basin u	10J25A	11100	13	1S	11E	1962	2,3,4,5	1
Monte Cristo R.S. u	11H12	8960	3	8N	4E	1930	3,4,5	1
Poison Meadows	10G6A	8500	29	30N	116W	1948	2,3,4,5	1,4
Salt River Summit	10G8P	7900	32	29N	118W	1948	2,3,4,5	1,4
Trial Lake u	10J8P	9800	5	2S	9E	1931	1,2,3,4,5	1

a. Numerals 1,2,3,4 and 5 refer to January 1, February 1, March 1, April 1, and May 1.
b. Numerals refer to Agency that secures the snow survey, as follows:
1. Soil Conservation Service.
2. U. S. National Park Service.
3. U. S. Indian Service.
4. U. S. Forest Service.
5. U. S. Bureau of Reclamation.
6. Wyoming State Engineer.

c. Colorado snow courses.
m. Montana snow courses.
sd. South Dakota snow courses.
u. Utah snow courses.
A. Aerial Snow Depth Gage
M. Soil Moisture Stack
P. Pearson Storage Gage

USDA-SCS-PORTLAND OREG 1965

WATER SUPPLY OUTLOOK
FOR
WYOMING

February 1, 1966

A few days ago, snow surveyors released a report indicating the depths of the snow on the Wyoming watersheds. The article also gave the water content of the snow pack and its percentage of the 15-year average for February 1.

No one is capable of forecasting the intensity and duration of mountain storms for the balance of the winter, so the most probable expectation is that snow fall will be about average for February, March, and April.

In addition to this, the extent of the soil moisture deficit beneath the snow pack will alter the picture to some degree, and the amount of alpine evaporation from wind, temperatures, and radiation carries considerable weight in the forecast of ensuing summer snow melt runoff.

Anticipated water supplies are as follows:

Snow melt runoff will range from a little above average in the western end of the State to very low discharges from the Big Horn Watersheds.

Flows into the Great Basin from the Smiths Fork and the Thomas Fork are up to 110 percent of normal.

The Snake at Moran, Pacific Creek, the Greys River and the Salt River are forecast at close to average or 100 percent of normal. The Green River tributaries will release April to September flows of about 80 to 85 percent of normal, and the Wind River drainage will release amounts ranging from 78 percent at Dubois to 86 percent from the Little Popo Agie.

The Encampment River watershed will release 94 percent of normal, but snow melt on the North Platte River above the Wyoming-Colorado line, will be down to 86 percent. The combined flows at Saratoga will discharge 8 percent less than average.

The Big Horn Mountain snow pack shows a serious deficit. Even though precipitation during February, March, and April proves to be normal, the expected runoff from both the east and west flanks will be only 45 percent to 65 percent of the past 15-year average.

Carry over storage throughout the State is excellent. Total active contents are 129 percent of the normal amount for February 1. The Snake River is standing at 162 percent in Jackson Lake and Palisades. The Wind and Shoshone Rivers storage is 109 percent and the North Platte reservoirs in Wyoming contain exactly normal, or 100 percent of the 1948-1962 average contents.

WYOMING STREAM-FLOW FORECASTS, FEBRUARY 1966

BASIN AND TRIBUTARY	April 1 - September 30 Seasonal Stream-Flow in Thousands of Acre Feet			
	Forecast Runoff	% 15-Year Average	Measured Runoff 1964	Measured Runoff 15-Yr. Avg. 1948-62
YELLOWSTONE RIVER				
Yellowstone Lake Outlet (at)	680	86%	942	793
LITTLE POPO AGIE				
Lander (near)	35	83%	45	42
NORTH POPO AGIE				
Milford (near)	River gage discontinued			78
BULL LAKE CREEK				
Lenore (near)	157	89%	175	177
WIND RIVER				
Dubois (near)	78	78%	113	100
TENSLEEP CREEK				
Tensleep (near)	38	53%	79	72
MEDICINE LODGE CREEK				
Hyattville (near)	8	44%	31	18.2
SHELL CREEK				
Shell (near)	40	63%	91	63
SHOSHONE RIVER				
Buffalo Bill Dam(below)(1)	660	82%	845	805
LARAMIE RIVER				
Jelm (near) (2)	95	85%	78	112
ENCAMPMENT RIVER				
Encampment (near)	132	94%	130	141
NORTH PLATTE RIVER				
Northgate (near)	225	86%	154	260
Saratoga (at)	590	92%	483	641
MEDICINE BOW RIVER				
Hanna (near)	76	90%	134	84
DEER CREEK (Mar.-July)				
Glenrock (at)	260	112%	60.2	23.2

WYOMING STREAM-FLOW FORECASTS, FEBRUARY 1966

BASIN AND TRIBUTARY	April 1 - September 30 Seasonal Stream-Flow in Thousands of Acre Feet			
	Forecast Runoff	% 15-Year Average	Measured Runoff 1964	Measured Runoff 15-Yr. Avg. 1948-62
GREEN RIVER				
Warren Bridge (at)	330	101%	349	326
Fontenelle (near)	790	86%	1009	920
Green River (at)	840	86%	989	970*
LITTLE SNAKE				
Dixon (near)	275	94%	325	295
NORTH PINEY CREEK				
Mason (at)	31	82%	27	38
NEW FORK RIVER				
Boulder (near)	182	80%	249	228
BIG SANDY CREEK				
Big Sandy (near)	43	83%	53	52
LITTLE SANDY CREEK				
Elkhorn (near)	11	83%	13	13
SNAKE RIVER				
Moran (at) (3)	855	98%	861	865
Palisades (above)	2580	100%	2694	2600
PACIFIC CREEK				
Moran (near)	168	99%	173	170
GREYS RIVER				
Palisades (above)	330	86%	392	383*
SWIFT CREEK				
Afton (near)	49	102%	52	48
SALT RIVER				
Etna ab. Palisades	321	97%	444	331*
SMITHS FORK				
Border (near)	123	110%	123	112
THOMAS FORK				
State Line (near)	34	112%	38	30

All stream data taken from observed flow record with the following exceptions:
(1) Observed flow corrected for Buffalo Bill storage and Heart Mountain diversion.
(2) Observed flow corrected for Transbasin Diversions.
(3) Observed flow corrected for Jackson Lake Storage.
* Includes some estimated flows.

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1966

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1966 Date of Survey	Snow Depth (In.)	Water Content (In.)	PAST RECORD Water Content (In.) 1965	1964	1948-62 Average
MADISON RIVER - YELLOWSTONE PARK								
Norris Basin ÷	10E2	7500	1/28	24	5.8	11.5	8.5	6.9*
21 Mile[m]	11E6	7150	1/31	37	10.4	23.1	11.0	12.1
West Yellowstone[m]	11E7	6700	1/31	22	5.8	13.4	6.8	7.8
UPPER YELLOWSTONE - YELLOWSTONE PARK								
Canyon	10E3	7750	1/30	31	7.7	21.7	10.0	9.4
East Entrance ÷	9E5	7000	ABANDONED			10.4	6.8	7.9*
East Entrance #2	9E5	7000	1/28	28	5.7			
Lake Camp #1	10E4	7850	1/31	26	4.5	12.1	5.0	
Lake Camp #2	10E4	7850	1/31	24	4.0	10.9	4.4	6.5*
Lupine Creek	10E1	7300	1/30	23	5.7	10.4	6.0	7.3
Norris Basin ÷	10E2	7500	1/28	24	5.8	11.5	8.5	6.9*
Northeast Entrance	10D7MP	7400	1/31	17	3.8	10.4	5.4	5.8
Parker's Peak	9E7A	9400	No Report			N.R.		
Pitchstone Plateau	10E16A	8640	1/29	76A	25.5e	47.0e		
Sylvan Pass ÷	10E5	7100	1/29	28	7.7	16.0	8.8	9.3*
Thumb Divide ÷	10E7	7900	1/27	48	15.4	27.3	11.8	14.4*a
Two Ocean Plateau	10E17A	9200	1/29	60A	18.5e	33.0e		
LOWER YELLOWSTONE - CLARK'S FORK								
Lodgepole	9E1	8200	2/2	21	4.6	10.0	6.7	6.6*
Parker's Peak	9E7A	9400	No Report			N.R.		
LOWER YELLOWSTONE - WIND RIVER								
Big Warm	9F12	8800	1/26	20	4.2	7.9	5.0	5.1*
Burroughs Creek	9F4	8800	1/28	28	7.4	16.1	7.6	10.0*
Dinwoodie	9F10	10000	1/29	21	4.9	11.1	4.6	8.2*
Dinwoodie Glaciers	9F17A	10500	1/30	28A	7.5e	18.5e	6.0e	6.3*
Dry Creek	9F9	9500	1/29	12	2.7	6.2	3.0	4.3*
DuNoir	9F6	8750	1/26	17	3.7	7.8	3.9	5.4*
Geyser Creek	9F7	8500	1/27	16	2.3	7.3	3.4	5.7
Little Warm	9F8	9500	1/27	31	7.4	14.4	8.4	11.3*
Sheridan R.S. #2	9F14	7500	1/26	18	3.7	7.9	4.2	4.0*
T-Cross Ranch	9F3	8000	1/28	19	4.6	10.3	3.7	4.7
Togwotee Pass ÷	10F9MP	9600	1/28	49	14.6	28.1	18.3	19.6
Twenty Lakes ÷	9F7A	10000	1/28	14A	3.0e	16.5e	4.5e	4.0*a

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1966

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1966 Date of Survey	Snow Depth (In.)	Water Content (In.)	PAST RECORD Water Content (In.) 1965	1964	1948-62 Average
LOWER YELLOWSTONE - OWL CREEK								
Kirwin ÷	9F19A	10000	No Report			N.R.	N.R.	6.2*a
Owl Creek	8F1	8700	1/30	8	1.3	4.5	2.6	3.9*
LOWER YELLOWSTONE - POPO AGIE RIVER								
Blue Ridge	8G2	9500	2/2	29	5.8	16.4	4.5	8.0*
Bruce's Camp	8G5	6500	2/3	10	1.2	1.2	1.2	1.8*
Hobb's Park	9G3	10000	1/31	32	8.0	17.6	7.8	11.4*
Mosquito Park R.S.	9G4	9500	1/31	17	2.8	9.1	3.8	5.0*
Sawmill Glade	8G1	8500	2/3	16	2.9	8.3	3.9	4.9*
South Pass ÷	8G3MP	9000	2/2	35	8.7	18.9	5.8	9.8*
St. Lawrence R.S.	9F11	9000	1/30	15	3.4	10.2	3.9	4.2*
Trout Creek	9G2	8400	1/31	15	2.5	4.1	2.7	3.5*
Twenty Lakes ÷	9G7A	10000	1/28	14A	3.0e	16.5e	4.5e	4.0*a
LOWER YELLOWSTONE - GREYBULL RIVER								
Absaroka Divide	9E6	10000	No Report			N.R.	N.R.	
Kirwin ÷	9F19A	10000	No Report			N.R.	N.R.	6.2*a
Timber Creek #2	9E3	8800	1/31	4	0.9	3.0	1.2	2.1*
Wood River #2	9F15	8000	1/31	9	1.6	6.4	2.3	3.1*
LOWER YELLOWSTONE - SHOSHONE RIVER								
Carter Mountain	9E4M	7800	2/1	4	0.9	4.9	1.6	3.5*
East Entrance ÷	9E5	7000	ABANDONED			10.4	6.8	7.9*
East Entrance #2	9E5	7000	1/28	28	5.7			
Sylvan Pass ÷	10E5	9200	1/29	28	7.7	16.0	8.8	9.3*
Togwotee Pass	10F9MP	9600	1/28	49	14.6	28.1	18.3	19.6
Founts Peak	9F18A	8500	No Report			20.0e	N.R.	8.7*
LOWER YELLOWSTONE - NOWOOD CREEK								
Bear Trap ÷	7F1A	8000	1/27	10A	2.0e	12.0e	4.5e	6.0*
Cold Springs Camp	7E25	8700	1/29	12	1.8	10.6	4.6	5.1*
Medicine Lodge Lakes	7E24MP	9500	1/29	19	3.3	N.R.	7.2	7.9*
Middle Powder ÷	7F2	7400	1/26	12	2.0	12.5	4.8	7.1*
Munkres Pass ÷	7E8	9700	2/1	14	2.5	9.4	5.0	6.5*
Onion Gulch ÷	7E27M	8100	2/1	15	3.3	6.8	4.8	6.7*
Tyrell R.S.	7E35	8300	1/27	12	2.1	8.0	4.9	6.0*
West Tensleep Lake	7E26A	9075	1/27	17	3.2	16.0e	10.5e	8.0*a
Cold Springs Camp #2	7E25	8700	1/29	17	2.5			

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1966

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1966 Date of Survey	Snow Depth (in.)	Water Content (In.)	PAST RECORD Water Content (In.) 1965	1964	1948-62 Average
LOWER YELLOWSTONE - SHELL CREEK								
Bald Mountain ÷	7E21M	9600	1/27	39	9.3	20.7	10.5	13.8*
Beaver Tongue Divide	7E20	9200	1/27	33	7.6	18.4	10.0	12.6*
Bone Spring Divide ÷	7E18A	9200	1/27	29A	5.7e	18.0e	10.0e	10.4*a
Granite Pass ÷	7E17P	8950	1/29	25	5.6	15.7	7.9	11.0*
Ranger Creek	7E4	8800	No Report			12.9	5.5	6.7*
Shell Creek	7E23	9600	1/29	25	5.2	17.5e	9.5e	10.0*
Ranger Creek #2	7E4	8800	1/29	17	2.9			
LOWER YELLOWSTONE - TONGUE RIVER								
Beaver Tongue ÷	7E20	9200	1/27	33	7.6	18.4	10.0	12.6*
Big Goose #2	7E32M	7700	1/31	6	1.0	6.6	3.8	5.2*
Bone Spring Divide ÷	7E18A	9200	1/27	29A	5.7e	18.0e	10.0e	10.4*a
Burgess R.S. #2	7E33P	7900	1/28	7	1.4	7.4	4.6	5.1*
Dome Lake #2	7E34A	8800	1/27	12A	2.0e	12.0e	4.0e	6.1*
Geneva Pass	7E37A	10600	1/27	32A	6.5e	19.5e	9.5e	8.2*a
Gloom Creek	7E14A	9300	1/27	12A	2.0e	16.0e	6.5e	8.3*a
Granite Pass ÷	7E17P	8950	1/29	25	5.6	15.7	7.9	11.0*
North Tongue	7E15	8800	1/28	16	2.9	12.1	7.8	8.0*
Sibley Lake	7E11	8000	1/30	11	2.4	9.8	6.5	6.9*
Steamboat Point	7E10	7500	1/30	5	1.3	7.9	5.1	4.7*
Sucker Creek	7E12A	9000	1/27	14A	2.0e	15.5e	6.5e	7.5*a
Wood Rock G.S.	7E13	8500	1/29	12	2.3	11.1	5.8	7.2*
LOWER YELLOWSTONE - PORCUPINE CREEK								
Five Springs Falls	7E31	7500	1/28	10	2.0	9.6	4.0	4.1*
Medicine Wheel	7E30	9000	1/28	22	4.3	16.4	8.2	10.3*
LOWER YELLOWSTONE - POWDER RIVER								
Bear Trap ÷	7F1A	8000	1/27	10A	2.0e	12.0e	4.5e	6.0*
Clouds Peak	7E36A	10000	1/27	12A	2.0e	10.5e	4.0e	6.7*a
Middle Powder ÷	7F2	7400	1/26	12	2.0	12.5	4.8	7.1*
Muddy Creek G.S.	6E2	7500	2/1	9	1.5	3.0	2.0	2.9*
Munkres Pass ÷	7E8	9500	2/1	14	2.5	9.4	5.0	6.5*
Onion Gulch ÷	7E27M	8100	2/1	15	3.3	6.8	4.8	6.7*
Soldier Park	7E5	8700	1/31	9	1.5	7.1	2.9	3.2*
Sour Dough	6E1	8500	2/2	16	2.7	4.9	3.5	4.8*

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1966

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1966 Date of Survey	Snow Depth (In.)	Water Content (In.)	PAST RECORD Water Content (In.) 1965	1964	1948-62 Average
NORTH PLATTE - LARAMIE RIVER								
Albany ÷	6H11A	9400	1/28	32A	7.5e	N.R.	N.R.	8.9*a
Brooklyn Lake #2	6H1MP	10200	1/27	40	10.8	18.7	9.6	13.9*a
Cameron Pass[c] ÷	5J1	10300	1/28	40	14.2	15.6	12.2	13.7
Chambers Lake[c]	5J2	9000	1/29	14	3.1	8.8	2.8	6.0
Deadman Hill[c]	5J6	10300	1/28	40A	10.8e	N.R.	7.5	8.8
Evans ÷	6H15	9000	1/27	20	5.2	8.7	4.8	7.6*
Foxpark ÷	6H12P	9200	1/31	16	2.7	7.4	4.3	4.4
Hairpin Turn #3	6H2	9500	1/27	27	6.5	13.6	6.5	10.4a
LaBonte ÷	5G2	8450	1/31	10	1.0	3.9	2.5	3.9*
Libby Lodge #1	6H3	8700	1/27	20	4.3	9.3	4.7	7.0
Libby Lodge #2	6H3	8700	1/27	19	4.3			
Lost Lake[c]	5J23	9300	1/29	22	4.9	11.5	4.7	8.2*
Pole Mountain #2 ÷	5H1	8700	1/28	13	2.0	3.9	0.9	3.1
Roach[c] ÷	6J12A	9800	1/28	30A	8.4e	N.R.	N.R.	11.1
Rock Creek #1 ÷	6H14	9800	2/1	47	13.0	14.8	11.0e	14.7*a
Rock Creek #2 ÷	6H14	9800	2/1	42	11.0			
NORTH PLATTE - ABOVE SEMINOE RESERVOIR								
Albany ÷	6H11A	9400	1/28	32A	7.5e	N.R.	N.R.	8.9*a
Blackhall Mountain	6H18		No Report					
Bottle Creek #1	6H8	8200	2/3	29	6.0	14.6	5.3	9.1
Bottle Creek #2	6H8	8200	2/3	27	6.5			
Boxelder #2 ÷	5G1	7500	1/31	10	2.2	2.4	3.8	4.4*
Cameron Pass[c] ÷	5J1A	10300	1/28	40	14.2	15.6	12.2	13.7
Casper Mountain ÷	6G1MP	7940	1/31	25	6.0	6.5	7.4	7.8*
Columbine[c]	6J3	9300	1/27	44	12.5	17.4	9.2	15.7
Deep Lake	6H17	10500	2/1	71	24.0	25.4		
Evans ÷	6H15	9000	1/27	20	5.2	8.7	4.8	7.6*
Foxpark ÷	6H12P	9200	1/31	16	2.7	7.4	4.3	4.4
LaBonte ÷	5G2	8450	1/31	10	1.0	3.9	2.5	3.9*
Moss Lake	6H16	9800	2/1	44	11.7	17.3		
North Barrett Creek	6H5AM	9400	1/28	43A	12.0e	N.R.	13.5e	12.4a
North French Creek	6H4AP	10200	1/28	56A	17.0e	N.R.	14.0e	17.8*a
Northgate[c]	6J7	8500	1/27	16	3.4	5.0	2.8	3.9*
Old Battle #1 ÷	6H10P	9800	2/3	54	16.6	26.5	12.5	20.0
Old Battle #2 ÷	6H10P	9800	2/3	57	17.6			
Park View[c]	6J2	9200	1/28	23	5.4	8.2	3.8	5.8
Roach[c] ÷	6J12A	9800	1/28	30A	8.4e	N.R.	N.R.	11.1
Rock Creek #1 ÷	6H14	9800	2/1	47	13.0	14.8	11.0e	14.7*a
Rock Creek #2 ÷	6H14	9800	2/1	42	11.0			
Ryan Park	6H6A	8400	1/28	15A	3.0e	N.R.	6.0e	7.2a
Webber Spring #2	6H9M	9000	2/3	37	9.6			
Webber Spring #1	6H9M	9000	2/3	30	7.6	19.1	7.7	11.6
Willow Creek Pass[c]	6J5	9500	1/28	29	7.7	9.6	4.6	8.1

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1966

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NORTH PLATTE - CROW CREEK								
Pole Mountain #2 ÷	5H1	8700	1/28	13	2.0	3.9	0.9	3.1
NORTH PLATTE - SWEETWATER								
Grannier Meadows	8G4	9000	2/2	32	7.3	17.4	5.9	9.3*
Larsen Creek	9G6A	9000	1/26	30A	7.0e	17.0e	6.0e	7.3*
South Pass ÷	8G3MP	9000	2/2	35	8.7	18.9	5.8	9.8*
NORTH LARAMIE MOUNTAINS								
Boxelder #2 ÷	5G1	7500	1/31	10	2.2	2.4	2.8	4.4*
Casper Mountain ÷	6G1MP	7940	1/31	25	6.0	6.5	6.7	7.8*
LaBonte ÷	5G2	8450	1/31	10	1.0	3.9	2.5	3.9*
GREEN RIVER ABOVE GREEN RIVER								
Big Sandy Opening	9G9P	9220	2/1	31	7.2	15.4	7.5	8.5*
Blind Bull Summit ÷	10G2A	8750	1/28	48A	15.0e	26.0e	14.0e	14.7*a
Dutch Joe R.S.	9G5	8700	2/1	26	5.9	12.2	5.4	6.4*
East Rim Divide ÷	10F17MP	7950	2/1	23	5.2	14.2	5.8	6.4*
Elk Heart Park G.S.	9F23P	9400	1/31	28	6.3	18.0	7.7	10.0*
Gros Ventre ÷	10F19A	8750	1/28	25A	5.5e	14.5e	8.0e	8.1*a
Kendall R.S. #1	10F15	7900	ABANDONED			13.6	5.7	6.3*
Kendall R.S. #2	10F15	7900	2/1	25	6.1	15.3	7.2	8.5*
Loomis Park #1 ÷	10F16	8500	ABANDONED			23.4	10.1	11.1*
Loomis Park #2 ÷	10F16	8500	2/1	32	8.5	25.1	9.7	10.8*
Mulligan Park	9G1	8900	1/31	24	4.9	13.0	6.8	7.3*
New Fork Lake	9F21	8325	2/2	24	5.1	14.9	6.8	
North Horse Creek	10G16	8200	1/31	42	12.1	25.9	12.4	
Piney LaBarge #1	10G10	8820	ABANDONED			24.0	11.4	10.5*
Piney LaBarge #2	10G10	8820	1/29	37	11.1	28.5	13.8	12.4
Pocket Creek	9G11	9360	2/1	27	6.6	12.1	7.1	
Poison Meadows ÷	10G6A	8500	1/29	50	14.4	32.0e	17.5e	18.7*
Snyder Basin #2	10G13MP	8040	1/29	33	9.0	22.4	10.2	10.4*
Soda Lake	10G14	8300	1/30	37	10.5	22.9	9.4	11.1*
South Pass ÷	8G3MP	9000	2/2	35	8.7	18.9	5.8	9.8
Triple Peaks	10G15	8500	1/30	47	15.0	32.3	14.7	15.4*

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1966

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1966 Date of Survey	Snow Depth (In.)	Water Content (In.)	PAST RECORD Water Content (In.) 1965	1964	1948-62 Average
SNAKE RIVER ABOVE JACKSON LAKE								
Arizona	10F1	6850	1/28	39	11.4	19.8	12.5	11.8a
Astor Creek	10E8	7700	1/27	63	20.5	33.9	16.5	20.4a
Base Camp	10F2	6900	1/26	42	12.4	23.8	12.8	11.5a
Coulter Creek	10E10	7600	No Report			N.R.	12.8	14.4a
Glade Creek	10E13	7200	1/27	46	13.3	20.6	12.9	14.4a
Grassy Lake	10E15MP	7265	1/28	65	19.1	32.8	19.7	22.3
Huckleberry Divide	10E14	7300	1/28	44	12.7	18.9	12.9	14.0a
Lewis Lake Divide	10E9	7900	1/27	77	25.4	39.5	22.8	27.6a
Moran	10F4MP	6500	1/27	32	8.1	14.1	9.1	8.6a
Moran Bay	10F3	6800	1/26	46	12.9	20.9	13.7	13.6a
Pitchstone Plateau	10E16A	8640	1/29	76A	25.5e	47.0e		
Snake River Station	10E12MP	6780	1/27	44	12.3	18.6	12.5	13.3a
Thumb Divide ÷	10E7	7900	1/27	48	15.4	27.3	11.8	14.4a*
Two Ocean Plateau	10E17A	9200	1/29	60A	18.5e	33.0e		
BEAR RIVER								
Big Park ÷	10G11A	8700	1/28	39	11.2	25.0	12.6	10.3*
CCC Camp ÷	10G7	7500	1/27	28	5.4	13.4	8.0	7.8
Kelly R.S.	10G12MP	8200	1/28	38	9.6	21.7	13.4	
Monte Cristo R.S.[u]	11H12	8960	1/28	52	15.8	N.R.	11.5	16.0*
Poison Meadows ÷	10G6A	8500	1/27	50	14.4	32.0e	17.5e	18.7*
Salt River Summit ÷	10G8MP	7900	1/27	35	8.5	16.6	10.3	10.2*
Still Water Camp[u]	10J17	9800	No Report			N.R.	N.R.	
Trial Lake[u]	10J8P	9800	1/28	49	14.6	28.4	N.R.	16.5*
MISSOURI - CHEYENNE RIVER								
Upper Spearfish[s]	3E1	6500	1/29	11	1.2	N.R.	N.R.	4.7

c Colorado snow courses.
m Montana snow courses.
s South Dakota snow courses.
u Utah snow courses.
* Average does not contain 15 years of record.

÷ Located close to divide.
M Soil moisture stack.
P Pearson precipitation gage.
A Aerial stadia marker, (water content estimated.)
a Average partially estimated.

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1966

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1966 Date of Survey	1966 Snow Depth (In.)	1966 Water Content (In.)	PAST RECORD Water Content (In.) 1965	1964	1948-62 Average
SNAKE RIVER ABOVE JACKSON LAKE								
Arizona	10F1	6850	1/28	39	11.4	19.8	12.5	11.8a
Astor Creek	10E8	7700	1/27	63	20.5	33.9	16.5	20.4a
Base Camp	10F2	6900	1/26	42	12.4	23.8	12.8	11.5a
Coulter Creek	10E10	7600	No Report			N.R.	12.8	14.4a
Glade Creek	10E13	7200	1/27	46	13.3	20.6	12.9	14.4a
Grassy Lake	10E15MP	7265	1/28	65	19.1	32.8	19.7	22.3
Huckleberry Divide	10E14	7300	1/28	44	12.7	18.9	12.9	14.0a
Lewis Lake Divide	10E9	7900	1/27	77	25.4	39.5	22.8	27.6a
Moran	10F4MP	6500	1/27	32	8.1	14.1	9.1	8.6a
Moran Bay	10F3	6800	1/26	46	12.9	20.9	13.7	13.6a
Pitchstone Plateau	10E16A	8640	1/29	76A	25.5e	47.0e		
Snake River Station	10E12MP	6780	1/27	44	12.3	18.6	12.5	13.3a
Thumb Divide ÷	10E7	7900	1/27	48	15.4	27.3	11.8	14.4a*
Two Ocean Plateau	10E17A	9200	1/29	60A	18.5e	33.0e		
BEAR RIVER								
Big Park ÷	10G11A	8700	1/28	39	11.2	25.0	12.6	10.3*
CCC Camp ÷	10G7	7500	1/27	28	5.4	13.4	8.0	7.8
Kelly R.S.	10G12MP	8200	1/28	38	9.6	21.7	13.4	
Monte Cristo R.S.[u]	11H12	8960	1/28	52	15.8	N.R.	11.5	16.0*
Poison Meadows ÷	10G6A	8500	1/27	50	14.4	32.0e	17.5e	18.7*
Salt River Summit ÷	10G8MP	7900	1/27	35	8.5	16.6	10.3	10.2*
Still Water Camp[u]	10J17	9800	No Report			N.R.	N.R.	
Trial Lake[u]	10J8P	9800	1/28	49	14.6	28.4	N.R.	16.5*
MISSOURI - CHEYENNE RIVER								
Upper Spearfish[s]	3E1	6500	1/29	11	1.2	N.R.	N.R.	4.7

c Colorado snow courses.
m Montana snow courses.
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* Average does not contain 15 years of record.

÷ Located close to divide.
M Soil moisture stack.
P Pearson precipitation gage.
A Aerial stadia marker, (water content estimated.)
a Average partially estimated.

WYOMING MOUNTAIN PRECIPITATION FOR JANUARY 1966

Drainage Basin and Precipitation Gage	Elevation	Date of Survey	1966 Precip. (In.)	1965 Precip. (In.)	1948-62 Average
UPPER YELLOWSTONE RIVER					
Lake Camp	7850	1/31	1.2	4.0	
Northeast Entrance	7400	1/31	1.8	5.1	
LOWER YELLOWSTONE RIVER					
Burgess Junction	7900	1/31	0.3		
Dennison Mountain *		No Report		1.5	
Powder River Pass *	9400	2/2	0.4	4.9	
South Pass *	9000	No Report			
Togwotee Pass *	9600	1/28	3.4	4.0	
NORTH PLATTE					
Brooklyn Lake #2 *	10200	No Report			
Casper Mountain *	7940	1/31	1.3	N.R.	
Foxpark	9200	1/31	0.3	1.7	
North French Creek	10200	No Report			
Old Battle *	9800	No Report			
Pole Mountain #2 *	8700	2/2	0.6	1.6	
Rock Creek *	9800	No Report			
South Pass *	9000	No Report			
GREEN RIVER					
Big Sandy Opening *	9220	No Report			
East Rim Divide *	7950	2/2	1.2	3.8	
Elk Heart Park *	9400	No Report			
Snyder Basin *	8040	No Report			
South Pass *	9000	No Report			
SNAKE RIVER					
East Rim Divide *	7950	2/2	1.2	3.8	
Grassy Lake *	7265	1/28	6.6	9.7	
Lewis Lake *	7900	1/27	8.4	9.2	
Moran	6500	1/27	3.0	4.0	
Salt River Summit *	7900	1/27	3.0	3.8	
Snake River Station	6780	1/27	4.8	4.2	
Togwotee Pass *	9600	1/28	3.4	4.0	
BEAR RIVER					
Kelly R.S. *	8200	No Report			
Salt River Summit *	7900	1/27	3.0	3.8	
BELLE FOURCHE					
Bear Lodge Divide	4580	1/31	0.3	N.R.	
Warren Peak	6400	1/31	0.6		

* Soil Conservation Service Pearson Precipitation Gage.

STATUS OF RESERVOIR STORAGE - FEBRUARY 1966

BASIN and/or STREAM	RESERVOIR	USABLE CAPACITY 1000's A.F.	USABLE STORAGE - 1000 ACRE FEET 1966	1965	1964	Average 1948-62
Snake River	Jackson	847.0	701.2	610.5	632.8	417.6
Snake River	Palisades	1,202.0	1034.0	973.0	912.4	656.8*
North Platte	Seminoe	1,011.6	474.3	201.7	289.1	473.5
North Platte	Pathfinder	1,015.9	409.7	90.9	113.1	470.6
North Platte	Alcova **	30.3	-2.7	-2.8	-4.4	-4.1
North Platte	Guernsey	44.8	6.1	4.5	5.6	28.0
North Platte	Glendo	786.3	319.8	289.7	291.5	239.7*
Kansas Basin	Bonny	39.9	36.3	37.7	38.7	36.6*
Kansas Basin	Swanson Lake	116.1	105.8	80.7	94.3	73.6*
Kansas Basin	Enders	36.0	30.9	24.1	24.8	32.2*
Kansas Basin	Harry Strunk	33.9	27.2	26.5	33.6	25.9*
Kansas Basin	Harlan County	252.9	192.2	217.6	250.9	149.0*
Kansas Basin	Cedar Bluff	176.8	148.8	151.0	170.0	142.1*
Laramie River	Wheatland	95.0	N.R.	N.R.	N.R.	24.2*
Belle Fourche	Belle Fourche	185.2	149.9	129.6	124.3	61.4
Belle Fourche	Keyhole	190.3	125.9	113.5	70.6	9.6*
Shoshone River	Buffalo Bill	421.3	283.9	174.4	160.5	216.5
Wind River	Boysen	757.8	345.9	326.5	305.6	393.4*
Wind River	Pilot Butte	31.6	12.9	11.7	9.4	9.6
Wind River	Bull Lake	152.0	106.5	89.4	108.6	68.4
Cheyenne River	Angostura	92.0	78.1	54.6	68.0	75.0*
Cheyenne River	Deerfield	15.1	14.6	14.0	14.0	10.3a
Cheyenne River	Pactola	55.0	53.9	54.1	N.R.	13.6
Grand River	Shadehill	84.0	42.2	40.9	31.9	52.5*
Green River	Big Sandy	38.3	35.3	6.7	12.0	8.8*
Greybull River	Sunshine	52.0	46.5			

* Average is for less than 15 years of record in the 1948-62 period.

** Alcova, downstream from Seminoe and Pathfinder includes 160,170 acre feet of storage that is unavailable to the Kendrick Project.

Agencies Cooperating in Wyoming Snow Surveys

FEDERAL

U.S. Department of Agriculture
- Forest Service
- Soil Conservation Service

U.S. Department of Commerce
- Weather Bureau

U.S. Department of Interior
- Bureau of Reclamation
- Geological Survey
- National Park Service
- Indian Service

STATE

State Engineer of Wyoming

University of Wyoming
- Natural Resources Research Institute
- Department of Agricultural Engineering

PRIVATE

Irrigation Districts
- Greybull Valley Irrig. Dist.
- Wheatland Irrig. Dist.

Soil and Water Conservation Districts
- Bridger Valley SWCD
- Clouds Peak SWCD
- Cody SWCD
- Dubois-Crowheart SWCD
- Greybull Valley SWCD
- Lake DeSmet SWCD
- Laramie Rivers SWCD
- Little Snake River SWCD
- Medicine Bow SWCD
- Pavillion and Wind River SWCD
- Pinedale SWCD
- Powder River SWCD
- Powell-Clarks Fork SWCD
- S and E SWCD
- Shell Valley SWCD
- Shoshone SWCD
- Tongue River SWCD
- Washakie SWCD
- Wheatland SWCD

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